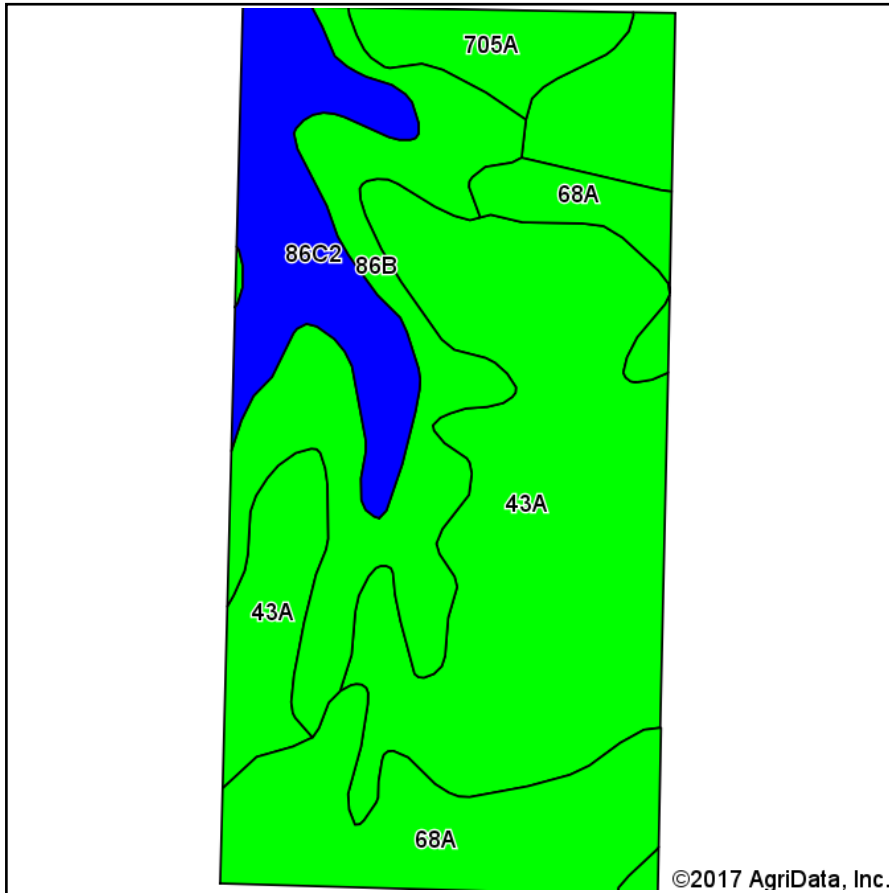
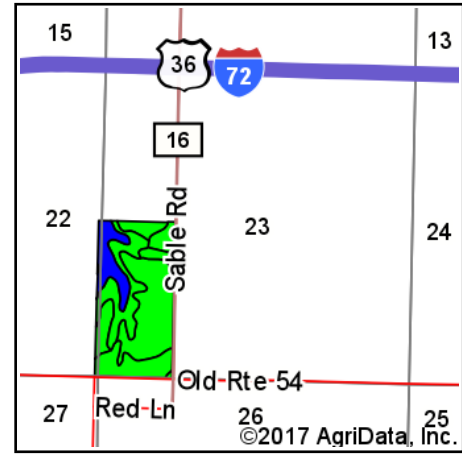


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Sangamon**
 Location: **23-15N-8W**
 Township: **New Berlin**
 Acres: **80.36**
 Date: **2/2/2017**



Area Symbol: IL167, Soil Area Version: 9

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Alfalfa d hay, T/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
43A	Ipava silt loam, 0 to 2 percent slopes	36.82	45.8%		FAV	191	62	77	100	0	0.00	5.90	142
**86B	Osco silt loam, 2 to 5 percent slopes	15.46	19.2%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
68A	Sable silty clay loam, 0 to 2 percent slopes	14.35	17.9%		FAV	192	63	74	99	0	0.00	5.77	143
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	10.00	12.4%		FAV	**178	**56	**70	**95	0	**6.42	0.00	**131
705A	Buckhart silt loam, 0 to 2 percent slopes	3.73	4.6%		FAV	190	61	74	100	0	7.40	0.00	142
Weighted Average						189.1	60.8	74.9	99.4	*-	2.46	3.73	140.4

Area Symbol: IL167, Soil Area Version: 9

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

a UNF = unfavorable; FAV = favorable

b Soils in the southern region were not rated for oats and are shown with a zero "0".

c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

*c: Using Capabilities Class Dominant Condition Aggregation Method